

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 December 2003 (24.12.2003)

PCT

(10) International Publication Number
WO 03/107377 A1

(51) International Patent Classification⁷: **H01J 1/304**,
9/02, 29/04, 31/12

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(21) International Application Number: PCT/JP03/07544

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(22) International Filing Date: 13 June 2003 (13.06.2003)

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2000-172213 13 June 2002 (13.06.2002) JP
2003-125030 30 April 2003 (30.04.2003) JP

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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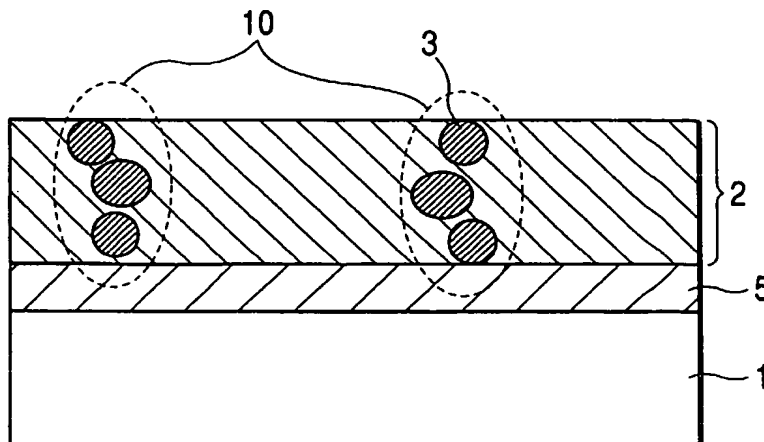
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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ELECTRON-EMITTING DEVICE AND MANUFACTURING METHOD THEREOF



(57) Abstract: There is provided an electron-emitting device of a field emission type, with which the spot size of an electron beam is small, an electron emission area is large, highly efficient electron emission is possible with a low voltage, and a manufacturing process is easy. The electron-emitting device includes a layer 2 which is electrically connected to a cathode electrode 5, and a plurality of particles 3 which contains a material having resistivity lower than that of a material constituting the layer 2, and is wherein a density of particles 3 in the layer 2 is $1 \times 10^{14}/\text{cm}^3$ or more and $5 \times 10^{18}/\text{cm}^3$ or less.

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